

PCT

For receiving Office us	se only
International Application No.	•
International Filing Date	· · · · · · · · · · · · · · · · · · ·
Name of receiving Office and "PCT Internation	ational Application"

REQUEST	International Filing Da	ate		
The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty.	Name of receiving Office and "PCT International Application"			
	Applicant's or agent's (if desired) (12 charact	file reference (ers maximum) 302671WO/DJW/CFL		
Box No. 1 TITLE OF INVENTION COMMUNICATION CHANNEL SELECTION				
Box No. II APPLICANT X This person	n is also inventor			
Name and address: (Family name followed by given name; for a legal enti The address must include postal code and name of country. The country of it Box is the applicant's State (that is, country) of residence if no State of residence	ne address indicated in this	Telephone No.		
NOKIA CORPORATION KEILALAHDENTIE 4		Facsimile No.		
FIN-02150 ESPOO	,	Teleprinter No.		
FINLAND		Applicant's registration No. with the Office		
State (that is, country) of nationality:	State (that is, country)	of residence:		
This person is applicant for the purposes of: all designated the United States all designated the United States		the United States the States indicated in the Supplemental Box		
Box No. III FURTHER APPLICANT(S) AND/OR (FURTH	ER) INVENTOR(S)			
Name and address: (Family name followed by given name; for a legal entithe address must include postal code and name of country. The country of the Box is the applicant's State (that is, country) of residence if no State of residence.	ty, full official designation. te address indicated in this e is indicated below.)	This person is:		
RODRIGO, Ilnmaculada Carrion Kavallinpuisto		applicant and inventor		
4H Espoo		inventor only (If this check-box		
Finland		is marked, do not fill in below.)		
		Applicant's registration No. with the Office		
State (that is, country) of nationality: ES	State (that is, country)	of residence:		
tor the purposes of: States the United Sta	States except ates of America	the United States the States indicated in the Supplemental Box		
Further applicants and/or (further) inventors are indicated or	a continuation sheet.			
Box No. IV AGENT OR COMMON REPRESENTATIVE;	OR ADDRESS FOR	CORRESPONDENCE		
The person identified below is hereby/has been appointed to act or of the applicant(s) before the competent international Authorities a	n behalf	agent common representative		
Name and address: (Family name followed by given name; for a legal entity The address must include postal code and name of col	v, full official designation. untry.)	Telephone No. (020) 7831-7929		
WILLIAMS, David John PAGE WHITE & FARRER	Facsimile No. (020) 7831-8040			
54 Doughty Street London WC1N 2LS	Teleprinter No.			
United Kingdom		Agent's registration No. with the Office		
Address for correspondence: Mark this check-box where n	O agent or common ***	Psentative is/hos here appointed and the		
space above is used instead to indicate a special address to w	hich correspondence sh	ould be sent.		

Sheet No. 2.	2				_
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Continuation of Box No. III FURTHER APPLICANT(S) AND/OR (FURTHER) INVENTOR(S)				
If none of the following sub-boxes is used, this sheet should not be included in the request.				
Name and address: (Familian The address must include position is the applicant's State (the POIKSELKA, Millian Itsehallintotie 1 CO 02600 Espoo Finland	al code and name of cou at is, country) of residenc KKA	ntry The country of th	a addrage indicated in	This person is: applicant only applicant and inventor inventor only (If this check-box is marked, do not fill in below.) Applicant's registration No. with the Office
State (that is, country) of n	ationality:		State (that is cov	ntry) of residence:
FI			FI	my) or residence.
This person is applicant for the purposes of:	all designated States	atl designated the United Sta	States except ites of America	the United States of America only the Supplemental Box
Name and address: (Family, The address must include posts Box is the applicant's State (the HURTTA, Tuija Kiskottajankuja 4 Espoo Finland	nl code and name of cour it is, country) of residence D 49, 02660	itry. The country of the	address indicated in t	This person is: applicant only applicant and inventor inventor only (If this check-box is marked, do not fill in below.) Applicant's registration No. with the Office
State (that is, country) of na	ationality:		State (that is, cour	ury) of residence:
This person is applicant for the purposes of:	all designated States	all designated the United Sta	States except tes of America	the United States of America only the States indicated in the Supplemental Box
Name and address: (Family The address must include posta Box is the applicant's State (tha	I code and name of coun	try. The country of the	address indicated in t	This person is: applicant only applicant and inventor inventor only (If this check-box is marked, do not fill in below.) Applicant's registration No. with the Office
State (that is, country) of na	tionality:		State (that is, coun	try) of residence:
This person is applicant for the purposes of:	all designated States	all designated the United State	States except es of America	the United States the States indicated in the Supplemental Box
Namc and address: (Family The address must include posta Box is the applicant's State (tha	l code and name of count is, country) of residence	try. The country of the	address indicated in th	This person is: applicant only applicant and inventor inventor only (If this check-box is marked, do not fill in below.) Applicant's registration No. with the Office
State (that is, country) of na	tionality:		State (that is, count	y) of residence:
This person is applicant for the purposes of:	all designated States	all designated State		the United States of America only the States indicated in the Supplemental Box
Further applicants and/or (further) inventors are indicated on another continuation sheet.				

В	ox No	. V DESIGNATION OF STATE	ES	٨	Aark the applicable check-boxes below	v: al	lea.	st one must be marked.
τ	The following designations are hereby made under Rule 4.9(a):							
R	Legio	nal Patent						
(2)	AP ARIPO Patent: GH Ghana, GM Gambia, KE Kenya, LS Lesotho, MW Malawi, MZ Mozambique, SD Sudan SL Sierra Leone, SZ Swaziland, TZ United Republic of Tanzania, UG Uganda, ZM Zambia, ZW Zimbabwe, and any other State which is a Contracting State of the Harare Protocol and of the PCT (if other kind of protection or treatment desired, specify on dotted line).							
28	EA	Eurasian Patent: AM Armenia, RU Russian Federation, TJ Tajiki Patent Convention and of the PCT	istan		aijan, BY Belarus, KG Kyrgyzstan; Turkmenistan, and any other State			
X	EP European Patent: AT Austria, BE Belgium, BG Bulgaria, CH & LI Switzerland and Liechtenstein, CY Cyprus, CZ Czech Republic, DE Germany, DK Denmark, EE Estonia, ES Spain, FI Finland, FR France, GB United Kingdom, GR Greece, HU Hungary, IE Ireland, IT Italy, LU Luxembourg, MC Monaco, NL Netherlands, PT Portugal, RO Romania, SE Sweden, SI Slovenia, SK Slovakia, TR Turkey, and any other State which is a Contracting State of the European Patent Convention and of the PCT							
X	I OA	TD Chad, TG Togo, and any other	atori r Sta	ial Go te wh	n, CF Central African Republic, CC uinea, GW Guinea-Bissau, ML Mal tich is a member State of OAPI and a con dotted line)	li, M a Co	IR I	Mauritania, NE Niger, SN Senegal, cting State of the PCT (if other kind
		al Patent (if other kind of protection						•
R	AE	United Arab Emirates		HR	Croatia	X	OM	Oman
X	AG	Antigua and Barbuda Albania	M	HU	Hungary	X	PG	Papua New Guinea
IX.	IAL	Albania	, (A) (C)	ID	Indonesia	LC3	PH	Philippines
12	I AIVI I at	Austria		IL	India		PL PT	Portugal
		Australia						Romania
		Azerbaijan						
		Bosnia and Herzegovina	X	KE	Kenya			
K	BB	Barbados Bulgaria	K	КC	Kyrgyzstan	X	SC	Seychelles
K	BG	Bulgaria	X	KР	Democratic People's Republic	X	SD	Sudan
		Brazil			of Korea :			
		Belarus						
		Belize						
		Canada & LI Switzerland and Liechtenstein						Sierra Leone
		China						Syrian Arab Republic Tajikistan
Ž.	CO	Colombia		LS	Lesotho		TM	Turkmenistan
V	CD	Costs Pies	V	ıт	Lithuania			Tunisia
X	CU	Cuba	$\overline{\mathbf{Z}}$	LU	Luxembourg			Turkey
	CZ	Czech Kepublic		LV.	Laivia	X		Trinidad and Tobago
X	DE	Germany	X	MA	Morocco			-
		Denmark	X	MD				
								Ukraine
		Algeria						
_		Ecuador					US	United States of America
X		Estonia	_		Maccdonia	5 71 :	17	Uzbekistan
X		Finland						
X		United Kingdom			Mexico			
X		Grenada			Mozambique			
X		Georgia						South Africa
X	GH (Ghana						Zambia
X	GM	Gambia .	X	NZ	New Zealand	X 2	ZW	Zimbabwe
Ch	Check-boxes below reserved for designating States which have become party to the PCT after issuance of this sheet:							
Pr	econti	ionary Designation Statement: In	add	ition	to the designations made above, the	appl	icar	it also makes under Rule 4.9(b) all
Precautionary Designation Statement: In addition to the designations made above, the applicant also makes under Rule 4.9(b) all other designations which would be permitted under the PCT except any designation(s) indicated in the Supplemental Box as being excluded from the scope of this statement. The applicant declares that those additional designations are subject to confirmation and that any designation which is not confirmed before the expiration of 15 months from the priority date is to be regarded as withdrawn by the applicant at the expiration of that time limit. (Confirmation (including fees) must reach the receiving Office within the 15-month time limit.)								

Supplemental Box

If the Supplemental Box is not used, this sheet should not be included in the request.

- If, in any of the Boxes, except Boxes Nos. VIII(i) to (v) for which Continuation of Box IV a special continuation box is provided, the space is insufficient to furnish all the information: in such case, write "Continuation of Box No " (indicate the number of the Box) and furnish the information in the same manner as required according to the captions of the Box in which the space was insufficient, in particular:
- if more than two persons are to be indicated as applicants and/or inventors and no "continuation sheet" is available: in such case, write "Continuation of Box No. III" and indicate for each additional person the same type of information as required in Box No. III. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below:
- if, in Box No. II or in any of the sub-boxes of Box No. III, the if, in Box No. If or in any of the sub-boxes of box No. III, the indication "the States indicated in the Supplemental Box" is checked: in such case, write "Continuation of Box No. III" or "Continuation of Box No. III and No. III" (as the case may be), indicate the name of the applicant(s) involved and, next to (each) such name, the State(s) (and/or, where applicable, ARIPO, Eurasian, European or OAPI patent) for the purposes of which the named person is applicant;
- if, in Box No. II or in any of the sub-boxes of Box No. III, the inventor or the inventor/applicant is not inventor for the purposes of all designated States or for the purposes of the United States of America: in such case, write "Continuation of Box No. II" or "Continuation of Box No. II" or "Continuation of Boxes No. II and No. III" (as the case may be), indicate the name of the inventor(s) and, next to (each) such name, the State(s) (and/or, where applicable, ARIPO, Eurasian, European or OAPI patent) for the purposes of which the named person is inventor;
- if, in addition to the agent(s) indicated in Box No. IV, there are further agents: in such case, write "Continuation of Box No. IV" and indicate for each further agent the same type of information as required in Box No. IV:
- if, in Box No. V, the name of any State (or OAPI) is accompanied by the indication "patent of addition," or "certificate of addition," or if, in Box No. V, the name of the United States of America is accompanied by an indication "continuation" or "continuation-in-part": in such case, write "Continuation of Box No. V" and the name of each State involved (or OAPI), and after the name of each such State (or OAPI), the number of the parent title or parent application and the date of grant of the parent title or filing of the parent application;
- if, in Box No. VI, there are more than five earlier applications whose priority is claimed: in such case, write "Continuation of Box No. VI" and indicate for each additional earlier application the same type of information as required in Box No. VI.
- lf, with regard to the precautionary designation statement contained in Box No. V, the applicant wishes to exclude any State(s) from the scope of that statement: in such case, write "Designation(s) excluded from precautionary designation statement" and indicate the name or two-letter code of each State so excluded.

JENKINS, PETER DAVID (GB) DRIVER, VIRGINIA ROZANNE (GB) DANIELS, JEFFREY NICHOLAS (GB) STYLE, KELDA CAMILLA KAREN (GB) SHACKLETON, NICOLA (GB) SLINGSBY, PHILIP ROY (GB) HILL, CHRISTOPHER MICHAEL (GB) RUUSKANEN, JUHA-PEKKA (FI) WILLIAMS, DAVID JOHN (GB) **EVANS, MARC NIGEL (GB) EVENSON, JANE HARRIET (GB)**

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Sheet	NΛ	J	

		Sheet (10:			
Box No. VI PRIORITY	CLAIM				
The priority of the following	g earlier application(s) is here	by claimed:			
Filing date Number		1	Where earlier application	is:	
of carlier application (day/month/year)	of earlier application	national application: country or Member of WTO	regional application:* regional Office	international application: receiving Office	
item (1)	0216278.2	GB			
item (2) 15/01/2003	0300917.2	GB			
item (3)	*				
item (4)					
item (5)			~ .		
Further priority claims	are indicated in the Suppleme	ental Box.			
Box No. VII INTERNAT	on is an ARIPO application, in lember of the World Trade Org	ganization for which that ed	party to the Paris Conver arlier application was file	d (Rule 4.10(b)(ii)):	
ISA / SEE EP	arching Authority (ISA) (if two-	letter code may be used):			
Request to use results of ea International Searching Auth Date (day/month/year)	irlier search; reference to th ority): Numbe		arch has been carried out sy (or regional Office)	by or requested from the	
Box No. VIII DECLARAT	TIONS	·	*		
	are contained in Boxes Nos. \ te in the right column the number			Number of declarations	
Box No. VIII (i)	Declaration as to the identity	of the inventor	*	:	
Box No. VIII (ii)	Declaration as to the applicadate, to apply for and be gra		international filing	: .	
Box No. VIII (iii)	Declaration as to the applic date, to claim the priority o		c international filing	:	
Box No. VIII (iv) Declaration of inventorship (only for the purposes of the designation of the United States of America) :					
Box No. VIII (v)	Declaration as to non-prejud	ficial disclosures or except	tions to lack of novelty	:	

Box No. IX CHECK LIST; LANGUAGE	OF FILING
This international application contains: (a) in paper form, the following number of sheets:	This international application is accompanied by the following item(s) (mark the applicable check-boxes below and indicate in right column the number of each item):
request (including	1. fee calculation sheet
declaration sheets) : 6	2. original separate power of attorney :
description (excluding sequence listings and/or	3. a original general power of attorney
tables related thereto) : 1/	4. copy of general power of attorney; reference number, if any:
claims 9	5. statement explaining lack of signature
abstract : 1	6. priority document(s) identified in Box No. VI as
drawings : 3	item(s):
Sub-total number of sheets: 36 sequence listings:	7. translation of international application into (language):
tables related thereto :	
(for both, actual number of	8. scparate indications concerning deposited microorganism or other biological material
sheets if filed in paper form, whether or not also filed in	9. sequence listings in computer readable form (indicate type and number of carriers)
computer readable form; see (c) below) ——————	(i) copy submitted for the purposes of international search under Rule 13ter only (and not as part of the international application):
Total number of sheets : 36	(ii) (only where check-box (b)(i) or (c)(i) is marked in left column)
(b) only in computer readable form (Section 801(a)(i))	additional copies including, where applicable, the copy for the purposes of international scarch under Rule 13 ter
(i) sequence listings	(iii) together with relevant statement as to the identity of the copy or
(ii) tables related thereto	copies with the sequence listings mentioned in left column : 10. tables in computer readable form related to sequence listings
(c) also in computer readable form (Section 801(a)(ii))	(indicate type and number of carriers)
(i) sequence listings	(i) copy submitted for the purposes of international search under Section 802(b-quater) only (and not as part of the international
(ii) tables related thereto	_ application) :
Type and number of carriers (diskette, CD-ROM, CD-R or other) on which are	 (ii) ☐ (only where check-box (b)(ii) or (c)(ii) is marked in left column) additional copies including, where applicable, the copy for the
contained the sequence listings:	purposes of international search under Section 802(b-quater) : (iii) together with relevant statement as to the identity of the copy or
tables related thereto:	copies with the tables mentioned in left column :
(additional copies to be indicated under	11. other (specify):
items 9(ii) and/or 10(ii), in right column)	*
Figure of the drawings which	Language of filing of the ENGLISH
should accompany the abstract:	international application.
	f, AGENT OR COMMON REPRESENTATIVE ning and the capacity in which the person signs (if such capacity is not obvious from reading the request).
David John Williams	(Authorised Representative)
• .	
• • • • • • • • • • • • • • • • • • • •	
1. Date of actual receipt of the numerted	For receiving Office use only
 Date of actual receipt of the purported international application: 	2. Drawings:
	received:
 Corrected date of actual receipt due to later be timely received papers or drawings completing the purported international application: 	
4. Date of timely receipt of the required corrections under PCT Article 11(2):	not received:
5. International Searching Authority (if two or more are competent): ISA /	6. Transmittal of scarch copy delayed until search fee is paid
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Date of receipt of the record copy by the international Bureau:	